

REMARKS

Claims 1-61 are pending in the application. Claims 1-61 were rejected. Claims 1, 12, 22, 31, 41 and 52 are currently amended.

Applicants respectfully respond to this Office Action.

**Claim Rejections under 35 U.S.C. § 101**

Claims 22-40 were rejected under 35 U.S.C 101 as being directed to non-statutory subject matter.

Claim 22 has been amended to recite that the memory module comprises “*receiving logic configured for receiving a random number.*” Support for this amendment can be found, for instance, in Applicants’ Specification at paragraph [1019].

Claim 31 has been amended to recite that the mobile station comprises “*receiving logic configured for receiving a random number from a radio access network.*” Support for this amendment can be found, for instance, in Applicants’ Specification at paragraph [1019].

Applicants submit that amended claims 22, 31 and their dependent claims are directed to statutory subject matter. Applicants respectfully request that the rejection of claims 22-40 under 35 U.S.C 101 be withdrawn.

**Claim Rejections under 35 U.S.C. § 102(e)**

Claims 1-61 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,879,690B1 to Faccin et al. (hereinafter “Faccin”).

“A claim is anticipated only if each and every element as set forth in the claim is found, either expressly or inherently described, in a single prior art reference.” M.P.E.P. § 2131 (Aug. 2001) (*quoting Verdegaal Bros. v. Union Oil Co. of California*, 814 F.2d 628, 631, 2 USPQ2d 1051, 1053 (Fed. Cir. 1987)). “The identical invention must be shown in as complete detail as is contained in the . . . claim.” *Id.* (*quoting Richardson v. Suzuki Motor Co.*, 868 F.2d 1226, 1236, 9 USPQ2d 1051, 1053 (Fed. Cir. 1987)). In addition, “the reference must be enabling and describe the applicant’s invention sufficiently to have placed it in possession of a person of ordinary skill

in the field of the invention.” *In re Paulsen*, 30 F.3d 1475, 1479, 31 USPQ2d 1671, 1673 (Fed. Cir. 1994)

Applicants respectfully submit that claims 1-61 are not anticipated by Faccin et al. for the reasons and explanations set forth below.

With respect to claim 1, Applicants respectfully submit that Faccin does not disclose all of the limitations of claim 1. Applicants herein amend claim 1 to recite an operation of “generating a temporary registration key (RGK) as a function of the RAK and a user identification number.” Support for this amendment can be found, for instance, in Applicants’ Specification at paragraphs [1018] and [1019].

The Examiner cites col. 10, lines 63-67 as disclosing this element, and indicates on page 4 of the Office Action that RGK is equivalent to the AUTHU as disclosed in Faccin et al.

Faccin et al. col. 10, starting at line 60 discusses the generation of AUTHU and reads in part as follows:

If successful, the serving system executes the user specific authentication procedure: It challenges the user sending it a randomly generated number RANDU to authenticate him and make sure the User now has the correct TSK value. The user takes RANDU and the newly derived TSK as inputs to a shared algorithm with the serving system and computes AUTHU.

As disclosed in Faccin et al., the generation of AUTHU utilizes TSK and RANDU but fails to include a user identification number as claimed in claim 1.

Thus, Applicants submit Faccin fails to disclose all the elements of Applicants’ claim 1 and therefore respectfully request that the rejection of claim 1 under 35 U.S.C. § 102(e) be withdrawn.

Claims 12, 22, 31, 41 and 52 have been similarly amended. Applicants respectfully request that the rejections of claims 12, 22, 31, 41 and 52 be withdrawn as the Faccin reference does not disclose all the limitations of these claims.

Applicants further submit that claims 2-11, 13-21, 23-30, 32-40, 42-51 and 53-61 are allowable as depending directly or indirectly from an allowable base claim.

**REQUEST FOR ALLOWANCE**

In view of the foregoing, Applicants submit that all pending claims in the application are patentable. Accordingly, reconsideration and allowance of this application are earnestly solicited. Should any issues remain unresolved, the Examiner is encouraged to telephone the undersigned at the number provided below.

Respectfully submitted,

Dated: June 23, 2008

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